

## SYSTEM AND METHOD FOR POWER MANAGEMENT OF AN OPTICAL MOUSE

### ABSTRACT OF THE DISCLOSURE

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A system and method for power management of an optical mouse. A mechanical displacement sensor associated with the optical mouse is used to detect movement of the optical mouse. When the optical mouse is motionless, a switch within the mechanical displacement sensor sets the optical mouse to a standby state. The 10 standby state conserves power. When motion is detected by the mechanical displacement sensor, the switch powers up the optical mouse into its normal mode of operation.